

Title (en)
TRANSMIT ANTENNA SWITCHING METHOD

Title (de)
VERFAHREN ZUR SENDEANTENNENUMSCHALTUNG

Title (fr)
PROCÉDÉ DE COMMUTATION D'ANTENNE D'ÉMISSION

Publication
EP 2924887 B1 20210505 (EN)

Application
EP 15161714 A 20150330

Priority
KR 20140037175 A 20140328

Abstract (en)
[origin: EP2924887A1] An antenna switching method of an electronic device is provided. The antenna switching method includes measuring a transmit power variation of a first antenna, monitoring characteristics of received signals of both the first antenna and a second antenna, determining a comparison result by comparing the characteristics of the received signals of both the first antenna and the second antenna when the transmit power variation is greater than or equal to a threshold value, and switching a transmitting antenna based on at least the comparison result.

IPC 8 full level
H04B 7/0404 (2017.01); **H04B 7/04** (2017.01); **H04B 7/06** (2006.01)

CPC (source: EP US)
H04B 7/0404 (2013.01 - EP US); **H04B 7/0608** (2013.01 - EP US); **H04L 1/1893** (2013.01 - US); **H04L 5/0023** (2013.01 - US); **H04L 5/0055** (2013.01 - US); **H04L 5/006** (2013.01 - US); **H04W 72/02** (2013.01 - US); **H04W 72/046** (2013.01 - US); **H04W 72/542** (2023.01 - US)

Citation (examination)

- US 2013310109 A1 20131121 - FILIPOVIC DANIEL FRED [US], et al
- US 2013281148 A1 20131024 - SEYAMA TAKASHI [JP]

Cited by
CN108169713A; CN112583504A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2924887 A1 20150930; EP 2924887 B1 20210505; KR 102191800 B1 20201217; KR 20150112629 A 20151007; US 2015282196 A1 20151001; US 9807777 B2 20171031

DOCDB simple family (application)
EP 15161714 A 20150330; KR 20140037175 A 20140328; US 201514672835 A 20150330